

00862.023271

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: Unassigned
NOBUYOSHI TAKEHARA)	
	:	Group Art Unit: 2816
Application No.: 10/683,588)	
	:	
Filed: October 14, 2003)	
	:	
For: GATE DRIVING CIRCUIT)	April 6, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. A copy of the listed Japanese document and a copy of the listed article are enclosed.

Japan 3-36332 is discussed at page 2, lines 7 and 8 of the specification, and an English-language abstract for the laid-open application corresponding to Japan 3-36332 is enclosed. U.S. Patent No. 4,605,865 is believed to be an English-language counterpart of Japan 3-36332.

The remaining documents listed on the Form PTO-1449 were cited in a Search Report in a European application corresponding to the subject application. A copy of the European Search Report, which is dated February 26, 2004, is enclosed.

FORMAL MATTERS

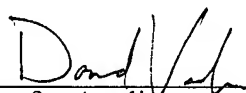
In accordance with 37 C.F.R. § 1.97(b), since a first Office Action on the merits of the subject application has not yet been issued, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is believed to be required for consideration of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed for that purpose.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: April 6, 2004				ATTY DOCKET NO. 00862.023271		APPLICATION NO. 10/683,588	
				APPLICANT NOBUYOSHI TAKEHARA			
				FILING DATE October 14, 2003		GROUP 2816	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<div style="border: 1px solid black; padding: 2px; transform: rotate(-90deg); transform-origin: left top; position: absolute; left: -40px; top: 50px;"> OIPE APR 06 2004 DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE </div>	4,605,865	08/12/1986	Yuzurihara	307	270		
	5,467,047	11/14/1995	Robb	327	377		
	5,298,797	03/29/1994	Redl	307	246		
	4,894,568	01/16/1990	Pavlin	307	584		

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT		
3-36332	05/31/1991	Japan			Abstract		

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		
		C. Ong, et al., "A Mathematical Model For Power Mosfet Capacitances," Proceedings of the Annual Power Electronics Specialists Conference, Conf. 22, 24 June 1991, pp. 423-429.

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.